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L2	132	703/6.ccls. and @pd>"20071101"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/30 17:36
L4	31	(local adj flare) and (mask or photomask) and (lithograph\$3 or photolithograph\$3) and (proximity or correction or opc)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/30 17:48
L5	302	L3 and @ad<"20031001"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/30 17:52
L6	147	L3 and average and @ad<"20031001"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/30 18:06



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"local flare" lithography

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**Correction for local flare effects approximated with double Gaussian profile in ArF lithography - all 3 versions »**

M Osawa, T Yao, H Aoyama, K Ogino, H Hoshino, Y ... - Journal of Vacuum Science & Technology B: Microelectronics ..., 2003 - link.aip.org

... an area density map method, which is commonly used to correct the proximity effect in electron-beam (EB) **lithography**, in our **local flare** intensity calculation. ...

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T Yao, M Osawa, T Minami, N Yamamoto, H Aoyama, G ... - VLSI Technology, 2003. Digest of Technical Papers. 2003 ..., 2003 - [ieeexplore.ieee.org](#)

Page 1. 4B-1 **Local Flare** Effects and Correction in ArF **Lithography** Teruyoshi Yao, Morimi Osawa, Takayoshi Mind, Norihiro Yamamoto, Hajime Aoyama, Genshi Okuda, ...

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Osawa, T. Minami, N. Yamamoto, H. Aoyama, G. Okuda, T. Sawano, I. Kamatsuki. ...

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**[CITATION] Christof Krautschik, Manish Chandhok 2, Guoj ing Zhang 3, Sang Lee 4, Michael Goldstein 4, Eric ...**

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Key authors: **M Osawa** - **T Yao** - **H Aoyama** - **K Ogino** - **H Hoshino**



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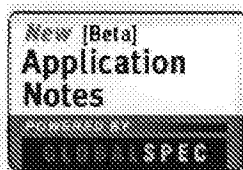

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Yao, T.; Osawa, M.; Minami, T.; Yamamoto, N.; Aoyama, H.; Okuda, G.; Saw Sugimoto, F.; Futatsuya, H.; Kobayashi, K.; Ogino, K.; Hoshino, H.; Machida, [VLSI Technology, 2003. Digest of Technical Papers. 2003 Symposium on 10-12 June 2003](#) Page(s):43 - 44  
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